



Attorney Docket No.: 3394P010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Make the Application of:

LIRON FRENKEL

Application No.: 10/024,048

Filed: December 14, 2001

For: **ADAPTIVE RATE TRANSMISSION
WITH DUAL NOISE MARGINS -
UTILITY**

Art Group:

Examiner:

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APR 03 2002

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Rule 1.97, Applicant desires to make of record the reference(s) set forth on the attached Form PTO 1449 (or PTO/SB/08). A copy of each reference is submitted herewith.

It is hereby stated that this Information Disclosure Statement is being filed prior to the issuance of the initial office Action, therefore no petition or fee is required. However, in the event a petition is needed for consideration of this Information Disclosure Statement, Applicant hereby so petitions.

Please charge any additional fee due to Deposit Account 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 3/21/02

Eric S. Hyman, Reg. No. 30,139

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 to the Patent and Trademark Office on: 3-21-02

Melissa Stead 3-21-02
Melissa Stead Date

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Los Angeles, California 90025
Telephone: (310) 207-3800



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FEES TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete If Known

Application Number	10/024,048
Filing Date	12/14/01
First Named Inventor	Liron Frenkel
Examiner Name	
Group Art Unit	
Attorney Docket Number	3394P010

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APR 03 2002
Technology Center 2600

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account

Deposit Account Number **02-2666**
Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman**

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application.
 Charge fee(s) indicated below, except for the filing fee, to the above-identified deposit account

FEES CALCULATION

1. FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. CLAIMS

Total Claims	Independent Claims	Extra	Fee from below	Fee Paid
33	4	=	X =	=
				=

Multiple Dependent Claims

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent claim
109	84	209	42	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

* or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEE

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	400	216	200	Extension for response within second month	
117	920	217	460	Extension for response within third month	
118	1,440	218	720	Extension for response within fourth month	
128	1,960	228	980	Extension for response within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidably	
141	1,280	241	640	Petition to revive - unintentionally	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Eric S. Hyman, Reg. No. 30,139	Registration No. (Attorney/Agent)		Telephone	(310) 207-3800
Signature			Date	3/1/02	

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2661
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7-10-02

Approved for use through 19/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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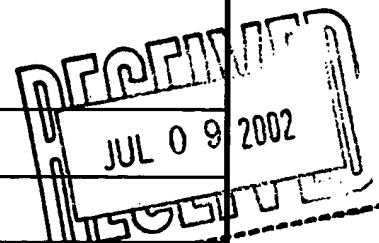
TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/024,048
		Filing Date	December 14, 2001
		First Named Inventor	Liron Frenkel
		Group Art Unit	<i>RECEIVED</i>
		Examiner Name	APR 03 2002
Total Number of Pages in This Submission	9	Attorney Docket Number	3394P010 Technology Center 2600

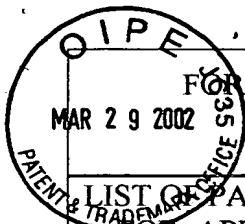
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
		Prior Art References (3); Form 1449; return postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Eric S. Hyman, Reg. No. 30,139 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
Signature	<i>Eric S. Hyman</i>
Date	3/21/02



CERTIFICATE OF MAILING (OR TRANSMISSION)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:	
Typed or printed name	Melissa Stead
Signature	<i>Melissa Stead</i>
	Date 3-21-02

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FORM PTO-1449 (Colb) MAR 29 2002		ATTY DOCKET NO. 003394.P010	SERIAL NUMBER 10/024,048
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT		APPLICANT Liron FRENKEL	EXAMINER (N/A)
RECEIVED		FILING DATE December 14, 2001	GROUP ART UNIT 2661

APR 03 2002

U.S. PATENT DOCUMENTS

Examiner's Initials		Technology Center DOCUMENT NO.	2600 DATE	NAME	CLASS	SUB	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANSLATION
	AH						
	AI						
	AJ						

OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AK	Draft Recommendation G.991.2 of the International Telecommunications Union (ITU), entitled "Single-Pair High-Speed Digital Subscriber Line (SHDSL) Transceivers", January 2001.
	AL	Moss, et al., in ITU Temporary Document CF-042, entitled "G.shdsl: Proposed PMMS Target Margin", Clearwater, Florida, January 2001.
	AM	The Final Draft of ITU Standard G.991.2, April 2001.

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.